

"We Make Great Brick"

ENVIRONMENTAL POLICY

Recognizing the value of protecting the environment Sioux City Brick embraces environmentally responsible practices. Sioux City Brick is committed to conserving



resources and promoting the reduction of waste in manufacturing.

Our corporate culture stresses recycling and environmental stewardship.

BRICK: A SUSTAINABLE MATERIAL

Contributing to sustainable design for thousands of years, brick has a history of longevity and durability. Brick is made primarily from clay and shale, two of the earth's most abundant resources.

- **Long life cycle** – National Institute for Standards and Technology gives brick a 100 year life
- **Energy efficiency** – high thermal mass reduces peak heating and cooling loads and leads to greater interior comfort
- **Low VOC (volatile organic compounds)** – for interior use brick has virtually no emissions
- **Recycled content** – brick incorporates recycled materials

Sioux City Brick

Since 1913

www.SiouxCityBrick.com



Mixed Sources

Product group from well-managed forests, controlled sources and recycled wood or fibre

www.fsc.org Cert no. SGS-COC-005257
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SUSTAINABLE MANUFACTURING

All Sioux City Brick products are manufactured with a goal of environmental sustainability and quality.

- **Modern plants** – Sioux City Brick kilns are among the most modern and energy efficient kilns in the world. All three kilns have been built since 1997 with the latest technology. The newest kiln, located in Adel, Iowa utilizes powdered petroleum coke as a primary fuel. Previously petroleum coke was transported to a landfill for disposal. Modern brick plants produce a better quality brick with less waste both at the manufacturing site and the job site.
- **Modern exhaust scrubbers:** One third of all tunnel kilns in the United States are equipped with exhaust scrubbers. Sioux City Brick is a clear leader in the industry in emission controls. All of its tunnel kilns are equipped with modern exhaust scrubbers designed to remove harmful emissions.
- **Fuel efficient kilns** – Sioux City Brick plants are equipped with new fuel efficient kilns which lead the industry in fuel used per brick made and reduce green house gas emissions by over 50% from the kilns they replaced.
- **Reduced carbon footprint** – Over 98% of raw material sources are mined 1 mile or less from the manufacturing site, minimizing hauling requirements and lowering the carbon footprint.
- **Effective recycling program** – Over 2.5 million gallons of water are recycled annually from the water sealed (hydrocased) kiln located in Sergeant Bluff, IA. Additionally, each plant recycles all waste brick back into the new product or into decorative brick chips for landscape purposes. Recycling means less virgin material is extracted from the earth.
- **Colorant recycling procedure** – Sioux City Brick plants recycle all colorant slurry waste back into the brick body. This is accomplished as a part of the modern moisture control system designed to support the brick extrusion process.
- **Environmental compliance** – All Sioux City Brick plants meet applicable environmental laws and regulations.